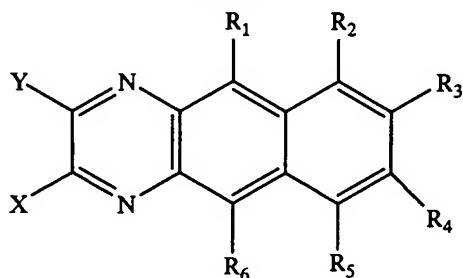


ABSTRACT

The present invention is to provide quinoxaline derivatives, which has excellent electron transportation and hole blocking properties, and which can be formed into a film without being crystallized. According to the invention, quinoxaline derivatives represented by the general [formula 1] is synthesized.

[formula 1]



(wherein X and Y represent a substituted or unsubstituted aryl group, or a substituted or unsubstituted heterocyclic group, and R1 to R6 represent individually hydrogen, an alkyl group, an alkoxy group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heterocyclic group. Further, an organic semiconductor device including an electroluminescent device containing the foregoing quinoxaline derivatives is formed.)